

INTERNATIONAL SEARCH REPORT

Inte Application No
PCT/JP2005/002386

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04B1/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/153294 A1 (HATA YOSHIYUKI) 14 August 2003 (2003-08-14) page 7	14-18
A		1-13, 19-24
A	US 2001/046268 A1 (SHARMA ALOK) 29 November 2001 (2001-11-29) paragraphs '0001! - '0010!	14-18

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

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E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

15 Apr11 2005

Date of mailing of the international search report

26/04/2005

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Information on patent family members

International Application No

PCT/JP2005/002386

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2003153294	A1	14-08-2003	JP	2003244019 A	29-08-2003
US 2001046268	A1	29-11-2001	US	2002136203 A1	26-09-2002
			US	2002093966 A1	18-07-2002
			US	2002056135 A1	09-05-2002